

BRONNIKOV, D.M., doktor tekhn.nauk; BURTSEV, L.I., kand.tekhn.nauk;
BUD'KO, A.V., kand.tekhn.nauk

"Handbook on mining," Vol.2: "Underground operations."
Reviewed by D.M. Bronnikov, L.I. Burtsev, A.V. Bud'ko.
Gor. zhur. no.6:78- 3 of cover Je '62. (MIRA 15:11)
(Mining engineering)

AGOSHKOV, M.I.; BRONNIKOV, D.M., doktor tekhn. nauk; GAGULIN, M.V.,
kand. tekhn. nauk; ZAMESOV, N.F., inzh.; KRASAVIN, G.A., inzh.

Principles for the methodology of breaking hard qres with
borehole and coyote charges. Nauch. soob. IGD 15:3-14 '62.
(MIRA 17:2)

1. Chlen-korrespondent AN SSSR (for Agoshkov).

BRONNIKOV, D.M., doktor tekhn.nauk; KURIMOSOV, A.M., kand.tekhn.nauk; DRAMNIKOV,
S.A., kand.tekhn.nauk

Book with serious shortcomings and crude mistakes. Ugol' 39 no.2:74-
78 F '64. (MIRA 17:3)

FUGZAN, Mark Davydovich; BRONNIKOV, D.M., doktor tekhn. nauk, retsenzent; KOVALEV, I.A., kand. tekhn. nauk, otv. red.; SMIRENSKIY, M.M., red.

[Practice of single-stage mining of thick ore deposits with large-scale breaking down] Opyt odnostadiinnoi razrabotki moshchnykh rudnykh mestorozhdenii s kassovoi otboikoi. Moskva, Izd-vo "Nedra," 1964. 130 p.

(LIRA 17:7)

SEMEVSKIY, V.N., doktor tekhn. nauk; BRONNIKOV, D.M., doktor tekhn.
nauk; NAZARCHIK, A.F., kand. tekhn. nauk

"rapid drifting" by B.I. Nifontov. Gor. zhur. no.10:79-80
0 '63. (MIRA 16:11)

1. BRONNIKOV, D. V.

2. USSR (600)

"Conditions of Safe Passage of Spring Flood Water and Ice At Bridge Crossings."
Stroitel'stvo dorog, No. 2, 1948 (5-6)

9. Meteorologiya i Gidrologiya, No. 3, 1949.
Report U-2551, 30 Oct 52

BRONNIKOV, D.V., kandidat tekhnicheskikh nauk

Determining the serviceability of old metal bridge spans. Avt.
dor.17 no.1:25-26 J1-A '54. (MIRA 8:10)
(Bridge construction)

HRONNIKOV, D., kandidat tekhnicheskikh nauk.

Improve the maintenance of automobile bridges. Avt.transp. 32 no.1:
21-22 Ja '54. (MLRA 7:8)
(Bridges--Repairing)

BRONNIKOV, D.V., kandidat tekhnicheskikh nauk

Evaluating the quality of upkeep of bridges and road structures.
Avt. dor. 18 no.3:20 My-Je '55. (MLRA 8:9)
(Roads--Maintenance and repair)

BRONNIKOV, D.V., kandidat tekhnicheskikh nauk

On concrete quality in bridge construction. Avt.dor.18 no.5:
21-22 S'55.

(MIRA 9:1)

(Bridges, Concrete)

BRONNIKOV, D.V., kandidat tekhnicheskikh nauk.

"Repair of wooden bridges." S.I.Kozlov. Reviewed by D.V.Brënnikov.
Avt.dor.19 no.3:31 Mr '56. (MIRA 9:7)
(Bridges, Wooden)

BRONNIKOV, D.V., kandidat tekhnicheskikh nauk.

Introduce efficient methods of constructing bridge support foundations. Avt.dor. 19 no.9:8-9 S '56. (MLRA 9:11)
(Piling (Civil engineering))

IVANOV, Konstantin Ivanovich; GLAZUNOV, Vsevolod Nikolayevich;
NADION, Mikhail Fedotovitch [deceased]; BRONNIKOV, D.M.,
doktor tekhn. nauk, retsenzent; VASIL'CHIKOV, N.V., kand.
tekhn. nauk, otv. red.; KOSTON'YAN, A.Ya., red.izd-va;
LOMILINA, L.N., tekhn. red.

[Modern methods of hard rock drilling] Sovremennyye metody
bureniia krepkikh porod. Moskva, Gosgortekhnizdat, 1963.
191 p. (MIRA 16:12)

(Rock 'drills)

BRONNIKOV, G. inzh.

Unit for semi-dry pressing of bricks. Sel'. stroi. 12 no. 3:16 Mr
'58. (MIRA 11:3)

(Brickmaking machinery)

BURMISTROV, P.G., inzh.; BRONNIKOV, G.M., inzh.; KIRICHENKO, Yu.Ya., inzh.

Adjustment of the operation of VT-450-3000 turbogenerator exciters.
Elek. sta. 35 no.8:72-73 Ag '64. (MIRA 17:12)

BRONNIKOV, I., inzh.

Fastening diesel generators to their foundations. Makh.-elev. prom.
25 no.4:29 Ap '58. (MIRA 11:5)

1. Tul'skoye oblastnoye upravleniye khleboproduktov.
(Electric generators)

BRONNIKOV, I., inzh.

Plan for installing bucket conveyors in the building for grain drying. Muk.-elev.prom. 25 no.6:26 Jo '59. (MIRA 12:9)

1. Tul'skoye upravleniye khleboproduktov.
(Grain--Drying) (Grain-handling machinery)

YERMAKOV, V.V.; BRONNIKOV, I.S.

Selenium content in the pasture vegetation and feeds of
Ulety District, Chita Province. Zap. Zabaik. otd. Geog. ob-
va SSSR no. 18:86-94 '62. (MIRA 17:6)

BECHNIKOV, K. Ye.

BECHNIKOV, K. Ye. -- "Healing of a Gastroenterostomy in the Gastrointestinal Tract Superimposed according to K. P. Sapozhnikov's Method (Experimental-Microscopic Investigation)." Molotov State Medical Inst. Molotov, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No 1, 1956

BROMNIKOV, K.Ye., kand.med.nauk (Kursk, 16, ul. M.Gor'kogo, d.9, kv.15)

Immediate and late results of K.P.Sapozhkov's method of gastric resection with anastomosis in peptic ulcer [with summary in English, p.157] Vest.khir. 80 no.1:36-40 Ja '58. (MIRA 11:4)

1. Iz khirurgicheskogo otdeleniya (nach. K.Ye.Bronnikov)
Kurskogo gosspitalya.
(GASTRECTOMY)

Sapozhkov's method in peptic ulcer, immediate & remote results (Rus)

BROMNIKOV, K. YE. (Lieutenant Colonel of the Medical Service and Candidate of
Medical Sciences) SHUMOVA, S.V.

"Remote Results of Surgical Treatment of Injuries to the Knee Joint Menisci"

Voyenno-Meditsinskiy Zhurnal, No. 10, October 1961

BRONNIKOV, K.Ye., kand.med.nauk; SHUMOVA, S.V.

Meniscus injuries of the knee joint. Vest.khir. no.4:38-42
'61. (MIRA 14:4)

(KNEE WOUNDS AND INJURIES)

BRONNIKOV, K.Ye., podpolkovnik med.sluzhby, kand.med.nauk; SHUMOVA, S.V.,
podpolkovnik med.sluzhby

Late results of surgery for injured menisci of the knee joint.

Voen.-med.zhur. no.10:87 0 '61.

(MIRA 15:5)

(KNEE--SURGERY)

BRONNIKOV, K.Ye., kand.med.nauk

Use of homo- and autohomotransplantation of skin in the clinic.
Vest.khir. 89 no.8:38-42 Ag '62. (MIRA 15:10)

1. Iz khirurgicheskogo otdeleniya (nach. - K.Ye.Bronnikov)
voyennogo gosptalya.

(SKIN GRAFTING)

BRONNIKOV, K. Ye., kand.med.nauk

Cancer of the bile duct. Vest.khir. 90 no.3:109-110 Mr '63.
(MIRA 16:10)

(BILE DUCTS—CANCER)

BRONNIKOV, L.N.

Heat treatment at the exhibition of new equipment in the Experimental
Research Institute for the Machinery Industry. Metalloved. i term.
obr. met. no.9:60-61 S '63. (MIRA 16:10)

25(5)

SOV/117-59-2-12/27

AUTHOR:

Bronnikov, N.A.

TITLE:

The Group-Method Machining of Parts in all Sectors of Production (Gruppovaya obrabotka detaley na vseh uchastkakh proizvodstva)

PERIODICAL:

Mashinostroitel', 1959, Nr 2, pp 21-22 (USSR)

ABSTRACT:

In this article the author briefly outlines ways of introducing the group production method into various shops of the plant "GOMZ". which has already resulted in about 1½ million rubles economy. The article is very general. The author mentions that the plant has designed and constructed a few special machine tools, among them a highly-productive machine tool for tapping multi-threads, a machine tool for the mechanized lapping of hard-alloy surfaces of tips of optical measuring instruments and for milling work on swallowtail parts. There are four photos.

Card 1/1

PLASTIC BACK EXPLORATION

Важнейшие исследования по группам «технологических процессов» в машиностроении и приборостроении, 1-й, Ленинград, 1959

Gruppo per la tecnologia e l'automazione (Gruppo-Processi e Tecnologie) in the Machine and Instrument Industries (Machov, "Mashiny", 1960, 376 p. Russian title inserted. 7,000 copies printed.

[illegible]

REMARKS: This collection of articles is intended for technical personnel in machine plant, designing organizations, and scientific-research institutes. It may also be useful to skilled workers.

ON GRUPO. The collection consists of papers presented at two international conferences on Group Processing in the Machine and Instrument Industries, held November 24-25, 1959 in Leningrad. The conference was called by the Scientific and Technical Societies of the Machine and Instrument Industry, of Industry, and of Transportation. The articles are based on the experience of industry in solving the grouping principle in processing. They discuss basic trends in solving the grouping principle on the basis of mechanized continuous production. The main groupings of automatic production lines are discussed. Problems dealing with the introduction of equipment methods into processing on various machine tools and into production of blanks (casting, pressing, pressing of plastics) are considered. Planning, standardization, and methods for calculating the economic effectiveness of group processing are also treated. No personalities are mentioned. There are no references.

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PART III. GENERAL PROBLEMS IN GROUP PROCESSING

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<u>Myers, R.H. [unclassified]. The Experience of Introducing Group-Processing Methods in an Optical-Mechanical Plant</u>	286
<u>Myers, R.H. [unclassified]. The Experience of Introducing Group-Processing Under Conditions of Piece and Small-Lot Production in the Transmission</u>	296
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S/123/61/000/014/014/045
A004/A101

AUTHOR: Bronnikov, N. A.

TITLE: The practice of introducing gang working methods in optical-mechanical plants

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 14, 1961, 2, abstract 14B7 (V sb. "Gruppovaya tehnol. v mashinostr. i priborostr." Moscow - Leningrad, Mashgiz, 1960, 286-295)

TEXT: Gang methods have been introduced in laying-out and preparation shops foundry shops, for the pressing of plastics, processing of optical glass, mechanical working and in finishing processes (galvanic coating and painting in the electrostatic field). The author cites organizational measures, results of standardizing and unifying parts, fixtures and tools, and also the efficiency of utilizing the gang method. A die-block is described intended for the manufacture of parts by the method of liquid cast iron stamping as well as separators for the gang roughing and grinding of plano-convex and plano-concave lenses which increased the productivity by 30%. There are 13 figures. ✓

[Abstracter's note: Complete translation]

I. Briskman

Card 1/1

BRONNIKOV, N.L.

Two instruments for mechanical oscillations and waves. Fiz. v
shkole 23 no.3:61-62 My-Je '63. (MIRA 16:12)

1. Pedagogicheskiy institut, g.Vladimir.

BRONNIKOV, N.L.

Studying the topic "Phenomena of sound" in the eight grade.
Fiz. v shkole 23 no.4:35-40 J1-Ag '63. (MIRA 17:1)

1. 26-ya shkola, Vladimir.

BRONNIKOV, N.L., (Vladimir)

Studying ultrasonics in extracurricular sessions. Fiz. v shkole
22 no.3:83-85 My-Je '62. (MIRA 15:7)
(Ultrasonics--Study and teaching)

BRONNIKOV, N. M., V. M. VEBER, A. A. FAAS, & P. M. OBERINSKY.

The Earthquake in Andizansk on 3/16 December 1902. Trudy Geol. Komiteta, "new Series, VYP. 54, 1910.

BRONNIKOV, P., inzh.-arkhitektor

House made of prefabricated rooms. Sel'. stroi. no.9:24-24a
S '62. (MIRA 15:10)

(Buildings, Prefabricated)
(Precast concrete construction)

BRONNIKOV, P.

Small family housing. Mor. flot 17 no.12:25 D '57.

(MIRA 11:1)

1. Glavnyy arkhitekt "Soyuzmorproyekta."
(Merchant seamen--Dwellings)

BRONNIKOV, P., inzhener-arkhitektor

Prefabricated room units are the modern "bricks" of the new construction methods. Tekh.mol. 29 no.5:1-3 '61. (MIRA 14:5)
(Buildings, Prefabricated)

BRONNIKOV, P., inzh.-arkhitekt

Apartment house made of three-dimensional elements in
Nakhodka. Zbil stroi. no.6:20-21 Je '61. (MIRA 14:7)
(Nakhodka-Apartment houses)
(Buildings, Prefabricated)

BRONNIKOV, Petr Ivanovich, inzh.-arkhitekt; KOMAROVSKIY, M.F., red.;
SHILLING, V.A., izd.red.; BELOGUROVA, I.A., tekhn.red.

[Experimental construction of apartment houses using three-dimensional construction elements; planning and building in the Far East] Eksperimental'noe stroitel'stvo zhilykh domov iz ob'emno-prostranstvennykh elementov; iz opyta proektirovaniia i stroitel'stva na Dal'nem Vostoke. Leningrad, 1960. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seria: Stroitel'naiia promyshlennost', vyp. 7).

(Soviet Far East--Precast concrete construction)
(Apartment houses)

BRONNIKOV, Petr Ivanovich; SMIRNOV, N.A., prof., red.

[Experiemental construction of residential and public buildings made from three-dimensial elements] Eksperimental'noe stroitel'stvo zhilykh i grazhdanskikh zdaniy iz ob'emnykh elementov. Leningrad, 1964. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Stroitel'nye materialy i konstruktsii, no.1) (MIRA 17:7)

KASHIK, S.A.; BRONNIKOV, V.A.

Genesis of the quartz sand deposit of Tulun. Dokl. AN SSSR
142 no.2:429-430 Ja '62. (MIRA 15:2)

1. Predstavleno akademikom N.M.Strakhovym.
(Tulun Region—Quartz)

AKODIS, M.M., doktor tekhn.nauk, prof.; BRONNIKOV, V.I., inzh.

Overvoltage protection of long-distance power transmission lines.
Izv. vys. ucheb. zav.; energ. 6 no.8:1-8 Ag '63. (MIRA 16:9)

1. Ural'skiy politechnicheskiy institut imeni Kirova. Predstavlena
kafedroy tekhniki vysokikh napryazheniy.
(Electric power distribution)

BRONNIKOV, V.I., inzh.

Discharge delay in sphere gaps during switching overvoltages.
Izv. vys. ucheb. zav.; energ. 7 no.2:81-85 F '64.

(MIRA 17:3)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.
Predstavlena kafedroy tekhniki vysokikh napryazheniy.

BRONNIKOV, V.I., inzh.

Overvoltage protection of 110-500 kv. substations. Izv. vys.
ucheb. zav.; energ. 7 no.12:105-108 D '64.

(MIRA 18:2)

1. Ural'skiy politekhnicheskiiy institut imeni S.M. Kirova. Pred-
stavlena kafedroy tekhniki vysokikh napryazheniy.

L 65234-65 EWT(1)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5021492

UR/0368/65/003/002/0176/0178
535.37

AUTHOR: Bezel', V. S.; Gavrilov, F. F.; Bronnikov, V. Y.

TITLE: Temperature quenching of luminescence excited by ionizing particles in ZnSAg single crystals

SOURCE: Zhurnal prikladnoy spektroskopii, v. 3, no. 2, 1965, 176-178

TOPIC TAGS: zinc sulfide, crystal phosphor, luminescence quenching, scintillation

ABSTRACT: Curves for temperature quenching and scintillation intensity are compared for ZnSAg single crystals activated by α -particles, protons, and electrons at various excitation densities. The amplitudes of the scintillation curve were studied as a function of the excitation density in the tracks of the α -particles. Pu^{239} and $\text{ThC-ThC}'$ were used as sources of α -particles. Particles with energies of 2, 3, 4, 5, 6 and 8.77 Mev were produced by varying the vacuum. A 100 kV electrostatic accelerator was used for producing protons with energies of 0.75 Mev. Electron excitation was achieved by irradiation with Co^{60} γ -rays. A FEU-15B photomultiplier and a 100-channel "Raduga" amplitude analyzer were used for

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recording the scintillation bursts. The results are given in table 1 and figs. 1 and 2 of the Enclosure. Here E is the energy of the activating particles; X is the mean free path in ZnS; I is the amplitude of the scintillation bursts; I_0 is the amplitude in the absence of quenching; I_0 is the amplitude at room temperature; dI_0/dX is the specific amplitude; and dE/dX is the linear excitation density. It was found that in the region of strong quenching ($t = 60^\circ\text{C}$), dI/dX is related to the linear excitation density by a $3/2$ law in the interval where $\frac{dI_0/dX}{E/I_0}$ is independent

of dE/dX (see fig. 1 of the Enclosure). A theoretical explanation is given for deviation from the $3/2$ law at high excitation densities. Orig. art. has 2 figures, 1 table.

ASSOCIATION: none

SUBMITTED: 05Jan65

ENCL: 03

SUB CODE: SS, OP

NO REF SOV: 004

OTHER: 002

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L 65234-65

ACCESSION NR: AP5021492

ENCLOSURE: 01

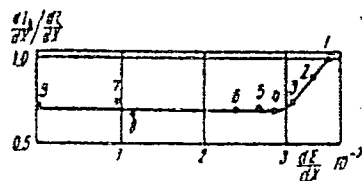


Fig. 1. $\frac{dI_0/dX}{dE/dX}$ as a function of excitation density dE/dX (Mev/cm) for excitation by α -particles (1-6), protons (7, 8) and electrons (9):

Point No	E, Mev	$\frac{dE}{dX} \times 10^{-3}$, Mev/cm
α -particles		
1	2	3.51
2	3	3.31
3	4	3.08
4	5	2.84
5	6	2.68
6	8.77	2.37
protons		
7	0.75	0.95
8	0.50	1.13
electrons		
9	1.25	$\sim 8 \cdot 10^{-3}$

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ACCESSION NR: AP5021492

ENCLOSURE: 02

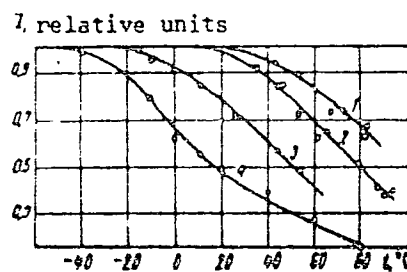


Fig. 2. Temperature quenching of ZnSAg scintillations for excitation by α -particles and protons.
 1-- $E_{\alpha} = 2$ Mev; 2-- $E_{\alpha} = 5.15$ Mev;
 3-- $E_H = 0.75$ Mev; 4--photoexcitation.

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ACCESSION NR: AP5021492

ENCLOSURE: 03

Table 1

Table 1

Parameter	Type of excitation								elec- trons
	α -particles						protons		
E, Mev	2.00	3.00	4.00	5.00	6.00	8.77	0.75	0.50	1.25
$X \cdot 10^4$, cm	5.70	9.05	13.00	17.60	22.40	37.00	7.81	4.43	1500
I_0 , relative units	0.58	0.78	0.86	1.00	1.27	1.75	0.14	0.08	0.13
dE/dX , Mev/cm	3.51	3.31	3.08	2.84	2.68	2.37	1.17	0.67	0.72
$\frac{dI_0}{dX} / \frac{dE}{dX}$, relative units	1.00	0.90	0.74	0.70	0.74	0.70	0.75	0.67	0.72

Card 575

SOV/81-59-16-57379

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 253 (USSR)

AUTHORS: Fialko, G.M., Bronnikov, V.M.

TITLE: A Concentration Meter for Sulfuric Acid and Oleum With an Equilibrium Bridge of KSO-3 Type

PERIODICAL: Tr. Ural'skogo n.-i. khim. in-ta, 1958, Nr 7, pp 261-265

ABSTRACT: The concentration meter consists of 3 parts: the transducer - being a cast iron (for acid) or iron (for oleum) flow-through case with a socket inserted in it, the lower side of which is open, and in the bottom of which 2 platinized (measuring) electrodes and a sealed comparison cell are fastened; the a-c electron bridge (EMD-12 or EMD-232) in which the input bridge circuit is modified; and the duplicating indicating millivoltmeter. The total error of the concentration meter on the margins of the scale does not exceed: for drying acid $\pm 0.3\%$ H_2SO_4 ; monohydrate $\pm 0.2\%$ H_2SO_4 ; oleum $\pm 0.6\%$ SO_3 free.

N. Surkov.

Card 1/1

BRONNIKOVA, A.D.; DYMOV, I.M., red.; LEONT'YEVA, L.A., tekhn.red.

[Mental arithmetic for grades 3 and 4; a manual for teachers]
Usnye vychisleniia po arifmetike v 3-4-kh klassakh shkoly;
posobie dlia uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo
M-va prosv. RSFSR, Leningr. otd-nie, 1957. 134 p. (MIRA 11:4)
(Arithmetic, Mental)

BRONNIKOVA, M.A.

Significance of isoserological system P in the evaluation of post-transfusion complications. Sud.-med.ekspert. 2 no.1:52-53 Ja-Mr '59.
(MIRA 13:4)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (direktor - prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR, Moskva.
(BLOOD--TRANSFUSION)

BRONNIKOVA, M.A.; BARSEGYANTS, L.O.

Presence of the Kell (K) group factor in the blood of residents of
Moscow. Sud.-med. ekspert. 3 no.3:52-54 J1-S '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny dir. - prof.
V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(MOSCOW--BLOOD GROUPS) (AGGLUTINOGENS)

BRONNIKOVA, M.A., prof.

Method for detection of agglutinogens in dried blood by some sera containing incomplete antibodies. Sud.-med.ekspert. 3 no.4:24-25
O-D '60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(AGGLUTINOGENS)
(SERUM)

BRONNIKOVA, M.A., prof.

Practical medicolegal significance of an investigation of the group
type of human secretions. Sud.-med. ekspert. 4 no. 1:29-31 Ja-Mr
'61. (MIRA 14:4)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir.-
prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(SPERMATOOA—JURISPRUDENCE) (AGGLUTINOGENS)

PROZOROVSKIY, V.I., zasl. deyatel' nauki, prof., otv. red.;
BRONNIKOVA, M.A., prof., red.; GROMOV, L.I., prof., red.;
~~KANTER, E.I., st. nauchn. sotr., red.~~; KOLOSOVA, V.M.,
st. nauchn. sotr., red.; KUBITSKIY, Yu.M., prof., red.;
MITYAYEVA, N.A., st. nauchn. sotr., red.; RUBTSOV, A.F.,
st. nauchn. sotr., red.; SMOL'YANINOV, V.M., prof., red.

[Transactions of the Fourth All-Union Conference of Forensic
Medical Experts] Sbornik trudov chetvertoy Vsesoyuznoy kon-
ferentsii sudebnykh medikov. Riga, M-vo zdravookhraneniia
SSSR, 1962. 588 p. (MIRA 17:11)

1. Vsesoyuznaya konferentsiya sudebnykh medikov. 4th, 1962.
2. Nauchno-issledovatel'skiy institut sudebnoy meditsiny
Ministerstva zdravookhraneniya SSSR (for Gromov, Bronnikova,
Kanter, Mityayeva, Rubtsov). 3. Direktor Nauchno-issledova-
tel'skogo instituta sudebnoy meditsiny Ministerstva zdravoo-
khraneniya SSSR (for Prozorovskiy). 4. Zamestitel' Predse-
datelya Uchenogo meditsinskogo soveta Ministerstva zdravoo-
khraneniya RSFSR (for Smol'yaninov).

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Group differentiation of human fetuses (isoserological systems ABO, MNSs, P, and Rh). Sud.-med. ekspert. 5 no.1:31-37 Ja-Mr '62.
(MIRA 15:4)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(BLOOD GROUPS) (FETUS)

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Characteristics of the methods and technique for studying blood group differentiation in human fetuses. Sud.-med.ekspert. 5 no.3: 30-34 J1-S '62. (MIRA 15:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(BLOOD GROUPS) (FETUS)

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Identification of agglutinogens of the ABO isoserological system
and P agglutinin in the body tissues of human fetuses. Sud.-med.
ekspert. 6 no.1:37-39 Ja-Mr '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(AGGLUTINOGENS) (FETUS)

BRONNIKOVA, Mariya Aleksandrovna; GARKAVI, Anna Samoylovna;
TUMANOV, A.K., red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Methodology and technique of forensic medicine
expertise on material evidence] Metodika i tekhnika su-
debnomeditsinskoi ekspertizy veshchestvennykh dokaza-
tel'stv. Moskva, Medgiz, 1963. 277 p. (MIRA 17:2)



BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.

Development of the Lewis isoserological system during the process
of embryogenesis. Biul.eksp.biol.i med. 57 no.5:62-64 My '64.
(MIRA 18:2)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR,
Moskva. Submitted April 12, 1963.

BRONNIKOVA, M. A.; GARKAVI, A. S.

"Razvitiyeizoserologicheskikh sistem u cheloveka v protsesseembriogeneza."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Characteristics of the development of the ABO isoserological system in human fetuses. Sud.-med. ekspert. 8 no.1:21-25 Ja-Mr '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy Ministerstva zdravookhraneniya SSSR, Moskva.

54
BRONNIKOVA, M.A. Prof. 1928, T.M., Vind.med.zhuk

Determination of the serological group of the F system in
acid blood. Report No. 4. Med. med. ekspert. 3 No. 2128-53
4p-3s 160.

(MIRA 2816)

1. Nauchno-Issledovatel'skiy institut sudshoy meditsiny (dir. -
prof. V.I. Pronozovskiy) Ministerstva zdoravokhraneniya SSSR.

DRUGALEV, S.M.; BRONNIKOVA, N.I.

Efficient organization of the procurement and maintenance of rolls.
Metallurg 10 no.9:36-37 S '65. (MIRA 18:9)

BRONNIKOVA, N.M.

Catalog of proper motions of stars in four open clusters and
their vicinities. Trudy Glav. astron. obser. Ser. 2 72:77-122
'58. (MIRA 13:3)

(Stars--Catalogs)

BRONNIKOVA, N.M.

Investigating open star clusters. Izv.GAO 21 no.2:144-169
'58. (MIRA 13:4)

(Stars--Clusters)

SOV/35-59-8-6471

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 54

AUTHORS: Polozhentseva, T.A., Bronnikova, N.M.

TITLE: Photographic Photometry of the Penumbra of ¹²Lunar Eclipses on
May 13 and November 7, 1957

PERIODICAL: Astron. tsirkulyar, 1958, August 26, Nr 194, pp 10 - 11 ✓

ABSTRACT: The results of photographic observations of the lunar eclipses
on May 13 and November 7, 1957, are presented. The first eclipse
was observed in Anapa with an AZT-7 telescope, and the second in
Pulkovo with a telescope of the same type. A tubular photometer
and a standard sensitometer respectively were used for the cali-
bration of plates. The results of observations are tabulated in
the form of penumbra density expressed in terms of stellar
magnitudes.

N.B.P.

Card 1/1

S/035/60/000/010/012/021
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 10, p. 33, # 9990

AUTHORS: Demidova, A. N., Bronnikova, N. M., Vasil'yeva, G. Ya.

TITLE: Results of Observations of Star Scintillation at Anapa

PERIODICAL: Tr. Soveshchaniya po issled.mertsaniya zvezd, 1958, Moscow-Leningrad, AN SSSR, 1959, pp. 131-135. Discuss. 181-182

TEXT: Results of observations of star scintillation at Anapa during April to June 1957 are presented. The observations were carried out according to a unified program with the Pulkovo Observatory (with the similar equipment). The law of scintillation amplitude variation with star zenith distance is expressed by the formula: $M = M_0(\sec z)^\alpha$ where $0.7 \leq \alpha \leq 1.5$; $\alpha_{av} = 0.9$ ($D = 200$ mm). The scintillation amplitude of a star in zenith M_0 $av = 52\%$. The correlation of scintillation amplitudes with the quality of diffraction images has shown that no dependence exists between these quantities. (Contrary results were obtained at Pulkovo). An increase of scintillation amplitudes is observed with a temperature increase at the Earth's surface.
Translator's note: This is the full translation of the original Russian abstract.
Card 1/1

BRONNIKOVA, N.M.

Photographic observations of Alcock's comet (1959e) in Pulkovo.
Astron.tsir. no.205:4 0 '59. (MIRA 13:6)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
(Comets--1959)

S/035/62/000/002/004/052
A001/A101

AUTHORS: Bronnikova, N. M., Kiseleva, T. P., Koroleva, L. S., Chudovicheva,
O. N.

TITLE: Precise positions of asteroids according to Pulkovo photographic
observations

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 18,
abstract 2A172 ("Tr. Gl. astron. observ. v Pulkove", 1961, v. 73,
133-146, English summary)

TEXT: The authors give 223 positions [α, δ (1950.0), 0-C] of 8 selected
asteroids: Ceres-1, Pallas-2, Juno-3, Vesta-4, Hebe-6, Iris-7, Melpomene-18,
Harmonia-40. Observations were carried out during 1957 - 1959 by means of a
normal astrograph; plates were measured on devices of Repsold and KIM-3 (KIM-3)
The authors present the list of fundamental stars and "relationships". ✓

L. N.

[Abstracter's note: Complete translation]

Card 1/1

BRONNIKOVA, N.M.

Photographic observations of Seki-Lines' comet (1962c) in Pulkovo.
Astron. tsir. no. 231:2-3 N '62. (MIRA 16:4)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
(Comets—1962)

BRONNIKOVA, N.M.

Wide star pairs in the vicinity of four open clusters
NGC 1513, 1960, 2099, 6705. Astron.zhur. 39 no.6:1132-1134
N-D '62. (MIRA 15:11)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
(Stars, Double)

BRONHILOVA, N.M.; KOSHEVA, I.S.; STROGALSKAYA, L.A.; ZHURAVNEVA, N.M.

Precise positions of minor planets from photographic observations
in Pulkovo. Izv. GAO 23 no.4:174-179 '64. (MIRA 17:9)

BRONNIKOVA, N.M.

Statistical investigation of the motion of open star clusters. Izv. GAO 23 no.4:139-143 '64.

Separation of the members of galactic clusters NGC 1960, 2099, 6705 from background stars by proper motions and data of the U, B, V photometry. Izv. GAO 23 no.4:144-153 '64. (MIRA 17:9)

BRONNIKOVA, N.M.; KISELEVA, T.P.; STRUGATSKAYA, A.A.; CHUDOVICHEVA, O.N.

Exact positions of minor planets computed from photographic
observations at Pulkovo. Biul. Inst. teor. astron. 10 no.1:
81-87 '65. (MIRA 18:12)

1. Submitted May 9, 1964.

L 14481-66 EWT(1) GS/GW

ACC NR: AT6003716

SOURCE CODE: UR/0000/65/000/000/0116/0121

AUTHOR: Bronnikova, N. M.

ORG: Astronomical Committee, AN SSSR (Astronomicheskii soviet AN SSSR)

TITLE: Observation of twinkling of stars in the region of Sanglok (Tadzhikistan) in the summer of 1960

SOURCE: AN SSSR. Astronomicheskii soviet. Opticheskaya nestabil'nost' zemnoy atmosfery (Optical instability of the earth's atmosphere). Moscow, Izd-vo Nauka, 1965, 116-121

TOPIC TAGS: atmospheric refraction, atmospheric turbulence, telescope, photographic image

ABSTRACT: Sanglok is south of Dushanbe (formerly Stalinabad), capital of Tadzhikistan. Star trails were photographed through an AZT-7^{telescope} with 10-m focus at various zenith distances. Quality of the star image was evaluated by the Danzhon-Kuder system. The mean square amplitude of tremor was obtained for each trail. Graphs were drawn to show the relation of this value to the tangent of the zenith distance. Four types of curves were observed: 1) showing strictly linear dependence; 2) all points on a straight line from large zenith distances down to about 45°, then an upward rise (tremor increases toward the zenith); 3) little change in tremor to zenith distances of 50-55°, then a downward curve (tremor decreases toward the zenith); and 4) complex relations, being a superposition of all types. In general, tremor decreases toward

Card 1/2

L 14461-66

ACC NR: AT6003716

morning, and the slope of the dependence curve increases. Tremor at the zenith differs more sharply from tremor at the horizon in the morning than at evening. Dust is often abundant in the summer months. A marked increase in turbulence angle is noted at this time. No correlation was found between tremor and turbulence angle at the zenith, but definite correlation was observed for appreciable zenith distances. Orig. art. has: 10 figures and 2 tables.

SUB CODE: 04/

SUBM DATE: 15May65

Card 2/2

PAPILIN, G. V. STOLIKOVA, N.Yu.

Upper Senoian continental sediments in the Nizhniy Tagil region
(Central Urals). Biul. MOIP. Otd. geol. 40 no.3:101-105
My-Je '65. (MIRA 18:8)

PAPULOV, G. N.; BRONNIKOVA, N. Yu.

A deposit of the Early Cretaceous flora in the Central Urals.
Trudy Gor.-geol. inst. UFAN SSSR no.61:95-100 '61.
(MIRA 14:10)

(Ural Mountains—Paleobotany, Stratigraphic)

32-24-6-38/44
AUTHORS: Fel'dman, L. S., Prokhorov, G. A., Bronnikova, T. A.
TITLE: A Photoelectric Analyzer for the Analysis of Aluminum Alloys
(Fotoelektricheskiy analizator dlya analiza alyuminiyevykh splavov)
PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 6, pp. 776 - 778
(USSR)
ABSTRACT: There exist a number of Soviet constructions of photoelectric spectral apparatus with different optical schemes and ways of registration, the optical scheme proposed by the NIITavtoprom being the most simple one; it can also be produced in works laboratories. The experiments carried out by the authors of this article who used the electric scheme proposed by the NIITavtoprom (a valve voltmeter with constant voltage and greater initial resistance), did not achieve any positive results because of the strong influence of electric disturbances. The scheme of arrangement was altered by Yu. A. Novikov and the schematic representation is mentioned; from the description it follows that the average relative measuring error

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A Photoelectric Analyzer for the Analysis of Aluminum Alloys 32-24-6-38/44

amounts to 0,5 % and that the apparatus has limited possibilities; (the visible part of the spectrum, the small dispersion, and the existence of four measuring canals). The arrangement was used for quick analyses of aluminum alloys, with iron and magnesium having been determined in concentration intervals of from 0,1 - 0,8 % Mg and 0,2 - 1,15 % Fe. The calibration diagrams for both determinations are given as amounting to $\pm 2,9$ and $3,8$ % in the case of iron, and $\pm 2,5$ and $\pm 3,8$ % in the case of magnesium; determination for two elements takes 15 seconds. There are 3 figures and 1 reference, which is Soviet.

1. Aluminum alloys---Analysis
2. Spectrum analyzers---Design
3. Spectrum analyzers---Performance

Card 2/2

SIMENSHTAYN, G.N.; BRONNIKOVA, Ye. D.

~~XXXXXXXXXXXXXXXXXXXX~~
Thoracoplasty in ineffective pneumothorax. Prob.tuberk., Moskva No.
1:33-36 Jan-Feb 51. (GML 20:6)

1. Of Pulmonary-Surgical Division (Head--Mordvinkina) of Hospital
imeni Kuybyshev (Head Physician--Murin), Leningrad.

USSR /Electricity

G

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9658

Author : Bropnikova, E.G.

Inst : Not given

Title : Parasitic Oscillations of Piezoelectric Plates with Longitudinal Fundamental Oscillations.

Orig Pub : Izv. AN SSSR, ser. fiz., 1956, 20, No 2, 251-260.

Abstract : Data are cited on theoretical and experimental investigations of parasitic oscillations of crystals of potassium rhodanite with fundamental longitudinal oscillations along the plates, using as an example the two cuts XZ_{37.50} and XZt₄₅₀. The resonators with such cuts are used in piezoelectric filters in the frequency range from 40 to 200 kc. It is shown that in X cuts turned about the axis, the potassium rhodanite spectrum of resonant frequencies of the plate is due to shear oscillations in the plane of the plate, to oscillations

Card : 1/2

USSR / Electricity

G

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9658

Abstract : due principally to longitudinal oscillations along the length. Also observed in the spectrum are oscillations with weak effectiveness, which, upon falling into the pass band of the filter, distort the latter. It can be assumed that these oscillations are higher harmonics of the flexural oscillations in thickness. To obtain resonators that are relatively single-frequency from plates of the above cuts, it is necessary to use the optimal ratios between the dimensions of the plates, found by plotting the frequency spectra of the plates at various ratios of the dimensions.

Card : 2/2

AUTHORS: Belov, N.V., Belyayev, L.M., Boki, G.B., Bronnikova, Ye.G.,
Vaynshteyn, B.K., Zhdanov, G.S., Iveronova, V.I., Kitaygorod-
skiy, A.I. and Pinsker, Z.G. 70-3-2-26/26

TITLE: The Fourth International Congress of Crystallography
(IV mezhdunarodnyy kongress kristallografov) (Montreal,
July 10-19, 1957)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 2, pp 250 - 260
(USSR).

ABSTRACT: Outline of the scientific proceedings of the
conference.

Card 1/1

USCOMM-DC-60577

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S/048/60/024/011/036/036
B006/B060

AUTHORS: Bronnikova, Ye. G., Larionov, I. M.,
Mileykovskaya, N. D., Smazhevskaya, Ye. G., and
Glozman, I. A.

TITLE: The Use of Piezoelectric Ceramic Materials From Solid
Solutions of Lead- and Barium Metaniobates in Wide-band
Filter Systems

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya,
1960, Vol. 24, No. 11, pp. 1440 - 1442

TEXT: This is the reproduction of a lecture delivered at the Third
Conference on Ferroelectricity which took place in Moscow from
January 25 to 30, 1960. Of late, ferroelectric materials developed on
barium titanate basis have been used as resonators in piezoelectric
filters. These materials have a great durability and a high thermal
stability; therefore, they are well suited for piezoceramic resonators.
Their use in wide-band filters offers a number of advantages. In the
USSR, the most widely developed piezoceramic materials are solid

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The Use of Piezoelectric Ceramic
Materials From Solid Solutions of
Lead- and Barium Metaniobates in Wide-band
Filter Systems

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B006/B060

solutions from lead- and barium niobates of the type KNbC (KNBS) with different lead- and barium contents KNbC 40/60, (KNBS 40/60), KNbC 45/55 (KNBS 45/55), and others. Some characteristic values relative to the first-mentioned type are compared with the American type PZT-6 in a table. The following data are given concerning the KNBS 40/60 disc resonators:

$\epsilon = 1200$, mechanical quality factor 400 - 800, ageing: 0.3%, resonant frequency: 450 kc, dynamic capacity: $33 \mu\text{F}$, static capacity: $410 \mu\text{F}$, resistance: 20 - 40 ohms, quality factor: 500 - 300, dynamic inductivity: 4 millihenries. Although KNBS resonators have lower durability and thermal stability than PZT-6 piezoceramics, they are still usable in wide-band filters. For intermediate-frequency filters in radio receivers a pass band of 7 - 11 kc (3-db level) is required for minimum attenuation in the rejection band of 45 - 60 db, rectangularity coefficient ≈ 2 , permissible pass band shift at a temperature change from 10 to 70°C : $\pm 1\text{kc}$. The authors worked out such filters by

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The Use of Piezoelectric Ceramic
Materials From Solid Solutions of
Lead and Barium Metaniobates in
Wide-band Filter Systems

85899

S/048/60/024/011/036/036
B006/B060

making use of KNBS ceramics. A filter section consists of two resonators, connected in the manner shown in Fig. 1. In order to meet the demands made on the filter, it is of advantage to use disc resonators with radial vibrations. These discs are 5.8 mm in diameter and 0.3, 0.6, and 1.2 mm or 0.6 and 1.2 mm thick, with the electrodes covering the whole or half of the disc surface, respectively. Both plane and cylindrical 4- and 8- resonator filters were prepared whose outside view is shown in Fig. 3. Fig. 2 shows an attenuation characteristic of an 8-resonator filter. There are 3 figures and 4 references: 1 Soviet and 3 US.

Card 3/4

LAPIDES, M.I.; BRONO, M.S.

Development of pefloxacin psychoneurological ad. (par. 100).
1 psikh. 64 no. 7:1105 '64. (MIR 17:12

BRONO, M.S.

Effect of the age factor on the course of schizophrenia in children.
Zhur. nevr. i psikh. 65 no.7:1039-1044 '65. (MIRA 18:7)

1. Kafedra detskoy psikhiatrii (zav. - prof. G.Ye. Sukhareva) Tsentral'nogo
instituta usovershenstvovaniya vrachey, Moskva.

BRONOVETS, I.N. [Branavets, I.N.]

Compensation of heart activity in hypertension. Vestsi AN
BSSR Ser. bial. nav. no.1:73-77'63. (MIRA 16:9)
(HYPERTENSION) (HEART—DISEASES)

BRONOVETS, I.N.

Treatment of hypertension with reserpine in combination with
hypothiazide. Zdrav.Bel. 8 no.7:25-27 J1 '62. (MIRA 15:11)

1. Iz kafedry terapii (zav. - prof. A.D.Adenskiy) Belorusskogo
instituta usovershenstvovaniya vrachey.
(RESERPINE) (THIADIAZINE) (HYPERTENSION)

BRONOVETS, I.N.

Foliaceous aortic aneurysm. Zdrav. Bel. 9 no.3:83-84 Mr'63
(MIRA 16:12)

1. Iz kafedry trapii (zav. - prof. A.D. Adenskiy) Belorusskogo
institut usovershenstvovaniya vrachey (rektor - dotsent N.Ye.
Savchenko).

BRONOVETS, I.N.

Indices of the functional state of the myocardium in hypertension. Kardiologiya 3 no.6:15-20 N-D '63. (MIRA 17:6)

1. iz kafedry terapii (nav. - prof. A.D. Adenskiy) Belorusskogo instituta usovershenstvovaniya vrachey (rektor - dotsent N.Ye. Savchenko).

BRONOVETS, I.N.

Changes in the chronological correlations of systolic phases in the dynamics of treatment of hypertension. Kardiologiya 4 no.3: 32-36 My-Je '64. (MIRA 18:4)

1. Kafedra 1-y terapii (zav. - prof. A.D.Adenskiy) Belorusskogo gosudarstvennogo instituta usovershenstvovaniya vrachey, Minsk.

TAYIS, Ye.M.; BRONOVETS, T.M.; ANDREYEVA, I.A.

Obtaining plastic and binding materials from fossil coals. Khim.i
tekh.topl.i masel 8 no.2:24-27 F '63. (MIRA 16:10)

65-10-1/15

AUTHOR: Shubnikov, A.K., Soboleva, G.N., Bronovets, T.M. and
Khrisanfova, A.I.

TITLE: The Application of Spectral Analysis for the Investigation
of Coal Ashes (Primeneniye spektral'nogo analiza k issle-
dovaniyu zoly iskopayemykh ugley)

PERIODICAL: Khimiya i Tekhnologiya Topliva i Masel, 1957, No.10,
pp. 1 - 5 (USSR).

ABSTRACT: The application of spectral analysis for the determination
of the composition of coal ashes using the experimental method
developed for the quantitative analysis of clays (Ref.3) was
tried. The method was tested for the analysis of coal ashes
containing: SiO_2 in the range 3-55%; Al_2O_3 10-45%; Fe_2O_3
4-62%; CaO 0.4-20.0% and MgO 0.05-1.5%. The possibility of
a more accurate and rapid analysis of coal ash for iron and
aluminium oxides by the spectral method than by chemical methods
was established. Mean deviations in the content of the indi-
vidual ash components determined by spectral analysis from the
data obtained by chemical analysis were within the limits of
errors permissible for spectral analysis (1-10%). The absence
of interference during the analysis of one element with another
was confirmed. N. Sedov and P. Khodakovskiy participated in

Card 1/2

The Application of Spectral Analysis for the Investigation of Coal
Ashes 65-10-1/13

the experimental part of the work. There are 5 tables and
8 references, of which 3 are Russian, 1 German, 1 Spanish and
3 English.

ASSOCIATION: IGI AN SSSR

AVAILABLE: Library of Congress
Card 2/2

TAYTS, Ye.M.; BRONOVETS, T.M.

Method of determining the plastic properties of coal and
lignite. Trudy IGI 20:159-163 '63. (MIRA 17:8)

Coal decomposition and state of viscous flow. Ibid. 20:163

1. Otvetaivennyy redaktor zhurnala "Trudy Instituta geologii
iskopayemykh" (for Tayts).

SMOLINA, L.B.; BRONOVITSKAYA, L.Ye.

Effect of oxidized brown coal and lignin on the percolation of water through loess soils and clays. Dokl. AN Uz.SSR no.10:43-46 '59 (MIRA 13:3)

1. Tashkentskiy sel'skokhozyaystvennyy institut. Predstavleno akademikom AN UzSSR A. S. Sadykovym.
(Coal)